

Copy

OMB No. 0651-0011 (12/31)

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.

780.29643X00

SERIAL NO.

81844,957

APPLICANT

Thomas J. CAMPANA, JR. et al

FILING DATE

May 20, 1991

GROUP

2744

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE
W	4 8 2 1 3 0 8	4-11-89	Hashimoto	455 379	31.2 57	
W	4 8 2 5 5 4 6	4-25-89	Rosenberg	455 379	31.2 57	
W	4 8 3 7 7 9 7	6-6-89	Greeny, Jr.	379	43.17 96	
W	4 8 8 2 7 4 4	11-21-89	Hashimoto	455 379	31.2 57	
W	4 9 4 2 5 9 8	7-17-90	Davis	455 379	31.2 57	
W	4 9 6 1 2 1 6	10-2-90	Baehr et al	455 379	31.2 57	

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
63 2 0 9 2 6 3	12-24-88	Japan			Abstract
1 1 2 5 0 4 9	5-17-89	Japan			Abstract

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

W	"Message Link", appearing in British Telecommunications Engineering, Vol. 4, Jan. 1986, p. 202
W	"Mobile Data Report" publication, Vol. 3, No. 15, April 22, 199 pp. 1-12.

EXAMINER

William Trust

DATE CONSIDERED

12-30-97

REMARKS: Initial if reference considered, otherwise not effective to the extent